INDEX TO VOLUME 85, 1991

A

About Our Authors/Nos Auteurs, *Marie Fidler*, 51, 107, 139, 172, 281, 377.

Abstracts of R.A.S.C. Papers Presented at the 1991 General Assembly, 173.

Ananthasubramaniam, C.K., The Madras Observatory, 1792–1931, 97.

Anti-Tail of Periodic Comet Machholz 1986 VIII, The, *J.B. Tatum, D.D. Balam* and *T.B. Lowe*, 91.

Argelander and the Bonner Durchmusterung, *Alan H. Batten*, 43.

Asteroid, Prediction and Discovery of a Martian Trojan, The, *Kimmo A. Innanen*, 151.

B

Balam, D.D., The Anti-Tail of Periodic Comet Machholz 1986 VIII (with J.B. Tatum and T.B. Lowe), 91.

Bally, J., A 408-MHz Radio Survey of the Region Surrounding Simeis 57 (with L.A. Higgs, T.L. Landecker and F.P. Israel), 24.

Batten, Alan H., Argelander and the Bonner Durchmusterung, 43; Johann Franz Encke, 1791–1865, 316.

Bishop, Roy (see Review of Publications).

Borkowski, M., The Tropical Year and Solar Calendar, 121.

C

Calendar, The Tropical Year and Solar, *Kazimierz M. Borkowski*, 121.

Canadian Astronomical Society, The. Photograph of President Sidney van den Bergh 177: Abstracts of Papers Presented at The 1991 Annual Meeting of the, 178; (*Anthony, Cunningham* and *Caldwell*, 198; *Arcoragi, Bastien, Zinnecker* and *Yorke*, 185; *Bastien, Arcoragi, Bonnell, Martel* and *Benz*, 180; *Beauchemin* and *Borra*, 208; *Beech* and *Mitalas*, 196; *Bell, Avery, Moore* and *MacLeod*, 200; *Belley* and *Roy*, 195; *Binette, Magris* and *Bruzual*, 179; *Blaes, Blandford* and *Madau*, 204; *Bohlender, Walker* and *Bolton*, 202; *Boily, Joncas* and *Durand*, 212; *Bolton*, 216; *Bond*, 182; *Bonnell, Martel, Bastien, Arcoragi* and *Benz*, 196; *Boothroyd* and *Sackmann*, 204; *Borra, Content, Girard, Gauvin, Hickson* and *Gibson*, 188; *Bridges* and *Hanes*, 203; *Bridle*, 182; *Butterworth* and *Harris*, 203; *Caldwell*, 178; *Carignan* and *Demers*, 195; *Chen, Marlborough* and *Waters*, 189; *Chang* and *Martin*, 207; *Clark, Naylor, Tompkins, Davis* and *Duncan*, 190; *Côté, Richer* and *Fahlman*, 213; *Couchman* and *Carlberg*, 183; *Crabtree, Durand, Farrell* and *Gaudet*, 217; *Crampton, McClure* and *Fletcher*, 179; *Cunningham, White, Caldwell* and *Anthony*, 186; *Davidge*, 195; *Davis, Naylor, Tompkins, Clark* and *Duncan*, 190; *Delaney, Prior, Ebbers* and *Rana*, 220; *Delisle* and *Hardy*, 196; *De Robertis* and *Yee*, 208; *Dewdney* and *Green*, 201; *Doyon, Nadeau, Riopel, Moffat, Demers, Bastien* and *Yee*, 182; *Duley* and *Whittet*, 200; *Duric*, 179; *Durrell* and *Harris*, 194; *Evans*, 180; *Feldman, Matthews, Cunningham, Hayward, Wade, Amano* and *Scappini*, 191; *Fich* and *Hodge*, 185; *Fieldus* and *Bolton*, 218; *Fischer, Welch, Côté, Mateo* and *Madore*, 189; *Forbes*, 213; *Gabuzda, Cawthorne, Roberts* and *Wardle*, 211; *Gaetz*, 207; *Garrison, Kamper, Ridder* and *Shelton*, 217; *Goldsmith*, 220; *Gray* and *Johanson*, 183; *Gregory*, 189; *Harris, Pritchet* and *McClure*, 204; *Hayes*, 210; *Heisler, Vader* and *Frogel*, 181; *Hendry* and *Mochnacki*, 206; *Hesser, Lehnert, Bell* and *Oke*, 181; *Hickson, Gibson, Hogg, Borra, Content* and *Girard*, 218; *Hill* and *Landstreet*, 196; *Holland* and *Harris*, 194; *Hua*, 208; *Huang* and *Fieldus*, 219; *Hughes*, 184; *Hutchings*, 178; *Irwin* and *Avery*, 191; *Joncas, Normandeau* and *Green*, 201; *Jylänne, Vatter FitzGerald* and *Harris*, 198; *Kamper* and *Bolton*, 218; *Kavelaars* and *Hanes*, 194; *Kim* and *Raga*, 215; *Kingsburgh*, 186; *Klypin* and *Kofman*, 209; *Landecker* and *Dewdney*, 219; *Latter* and *Kelly*, 192; *Lu*, 214; *Martel, Bastien, Arcoragi* and *Bonnell*, 197; *Martin*, 181; *Martin* and *Mandy*, 200; *Matthews, St.Louis, Drissen, Moffat, Niemela* and *Koenigsberger*, 214; *Nan* and *Pudritz*, 210; *Naylor, Tompkins, Clark, Davis* and *Duncan*, 185;

Percy, 221; *Percy* and *Sen*, 214; *Pocock* and *McCall*, 221; *Purton, Dewdney* and *McCutcheon*, 197; *Quinlan, Hogg* and *Tremaine*, 187; *Redman*, 193; *Richer* and *McCall*, 220; *Roger* and *Dewdney*, 199; *Rogers* and *Crabtree*, 215; *Rouleau* and *Martin*, 201; *Routledge, Anderson, Vaneldik* and *Landecker*, 212; *Rucinski*, 184; *Sasselov, Fieldus, Lester, Venn* and *Raga*, 202; *Seaquist* and *Taylor*, 192; *Sigut*, 216; *Slawson* and *Landstreet*, 194; *Stevenson* and *McCall*, 182; *Stiff*, 221; *St-Louis* and *Smith*, 188; *Tapping*, 178; *Taylor* and *Kenny*, 202; *Tribble*, 211; *Turgeon, Cunningham* and *Anger*, 199; *Turner*, 216, 222; *Underhill*, 187; *Vallée* and *MacLeod*, 212; *Volk*, 186; *Wallace* and *Taylor*, 188; *Wehlau* and *Rice*, 205; *Weltman* and *Vatter FitzGerald*, 199; *West*, 211; *White, Caldwell* and *Wagener*, 193; *Widrow*, 188; *Wilk* and *Fich*, 193; *Xanthopoulos* and *De Robertis*, 220; *Yepes, Couchman* and *Dominguez-Tenreiro*, 210).

Carlberg, Raymond G. (see Review of Publications).

CASCA Acronyms (*Notes*), 223.

(4058) Cecilgreen (*Notes*), 53.

Clement, Maurice J. (see Review of Publications).

Comet Encke, The, *Zdenek Sekanina*, 324.

Comet Levy 1990c (*Notes*), 52.

Comet Levy 1991q (*Notes*), 225.

Comet Machholz 1986 VIII, The Anti-Tail of Periodic, *J.B. Tatum, D.D. Balam* and *T.B. Lowe*, 91.

Comet Shoemaker-Levy 1991d (*Notes*), 54.

Comet Shoemaker-Levy 1991e (*Notes*), 110.

Comet Shoemaker-Levy 1991f (*Notes*), 111.

Comets Discovered by Canadians: *J.B. Tatum* (*Notes*), 384.

Cunningham, Doug (see Review of Publications).

D

Davidge, T.J., The Extended Spectrum of NGC 5846, 131.

De Groot, Mort (see Review of Publications).

Dyck, Gerald P. (see Review of Publications).

E

Editorial, *Jeremy B. Tatum*, 2, 65.

Encke, Johann Franz, 1791–1865, *Alan H. Batten*, 316.

Encke, the Comet, *Zdenek Sekanina*, 324.

Enright, Leo (see Review of Publications).

Erratum (*Notes*), 223.

Extended Spectrum of NGC 5846, The, *T.J. Davidge*, 131.

F

Fidler, Marie (see About Our Authors).

Financement de la recherche en astronomie au Canada, Le, *Georges Michaud*, 79.

Five More Minor Planets with a Canadian Connection (*Notes*), 224.

Forman, Julia (see Review of Publications).

G

Gibson, Brad K., Liquid Mirror Telescopes: History, 158

Gray, Richard O. (see Review of Publications).

H

Halliday, Ian, Peter Mackenzie Millman, 1906–1990, 67.

Hazan, Martha L. (see Review of Publications).

Hazzard, R.A., The Regulation of the Ptolemaieia: A Hypothesis Explored (with M. Pim Vatter FitzGerald), 6.

Higgs, L.A., A 408-MHz Radio Survey of the Region Surrounding Simeis 57 (with T.L. Landecker, F.P. Israel and J. Bally), 24.

Hube, Douglas P. (see Review of Publications).

I

Innanen, Kimmo A., The Prediction and Discovery of a Martian Trojan Asteroid, 151.

Israel, F.P., A 408-MHz Radio Survey of the Region Surrounding Simeis 57 (with L.A. Higgs, T.L. Landecker and J. Bally), 24.

J

Jones, H.R.A., Sanduleak −69°202, Supernova 1987A and the Beginning of Neutrino Astronomy, 235.

L

Landecker, T.L., A 408-MHz Radio Survey of the Region Surrounding Simeis 57 (with L.A. Higgs, F.P. Israel and J. Bally), 24.

Lemay, Damien, President of the R.A.S.C., Photograph, 1.

Light Pollution: *Jeremy Tatum* (*Notes*), 109.
Ling, Alister (see Review of Publications).
Liquid Mirror Telescopes: History, *Brad K. Gibson*, 158.
Lonc, William, S.J. (*Notes*), 378.
Lowe, T.B., The Anti-Tail of Periodic Comet Machholz 1986 VIII (with J.B. Tatum and D.D. Balam), 91.

M

Madras Observatory, 1792–1931, The, *C.K. Ananthasubramaniam*, 97.
Messier 83, *Christopher J. Pritchet*, 4.
Meteorite Falls, Possible Hazards of, *Christopher E. Spratt*, 263.
Michaud, Georges, Le financement de la recherche en astronomie au Canada, 79.
Millman, Peter Mackenzie, 1906–1990, *Ian Halliday*, 67.
Minor Planets with a Canadian Connection (*Notes*), 381.

N

Neutrino Astronomy, Sanduleak −69°202, Supernova 1987A and the Beginning of, *H.R.A. Jones*, 235.
NGC 5846, The Extended Spectrum of, *T.J. Davidge*, 131.
Notes, 52, 108, 140, 223, 282, 378.

P

Percy, John R. (see Review of Publications).
Periodic Comet Shoemaker-Levy 1 1990o (*Notes*), 52.
Periodic Comet Shoemaker-Levy 2 1990p (*Notes*), 53.
Planet Venus, The Venus Table of the Dresden Codex and the Movements of the, *Bryan Wells*, 291.
Planets With a Canadian Connection, Two More Minor (*Notes*), 110.
Possible Hazards of Meteorite Falls, *Christopher E. Spratt*, 263.
Prediction and Discovery of a Martian Trojan Asteroid, The, *Kimmo A. Innanen*, 151.
Pritchet, Christopher J., Messier 83, 4.
Ptolemaieia, The Regulation of the: A Hypothesis Explored, *R.A. Hazzard* and *M. Pim Vatter FitzGerald*, 6.

R

Radio Survey of the Region Surrounding Simeis 57: A 408-MHz, *L.A. Higgs, T.L. Landecker, F.P. Israel* and *J. Bally*, 24.
Reviews of Publications/Critiques d'ouvrages:
Consolmagno, Guy and Dan M. Davis, Turn Left at Orion, *Russ Sampson*, 149.
Dickinson, Terence, Nightwatch, An Equinox Guide to Viewing the Universe (Revised Edition), *Doug Cunningham*, 55.
Drake, Stillman, Galileo: Pioneer Scientist, *Colin Ronan*, 60.
Heidmann, Jean, La Vie dans l'Univers, *J.P. Vallée*, 58.
Garmony, C.O., editor, Properties of Hot Luminous Stars, *Mort De Groot*, 288.
Isles, John E. and Kenneth Glyn Jones, editors, Webb Society Deep-Sky Observer's Handbook, Volume 8, Variable Stars, *Gerald P. Dyck*, 229.
Jaschek, Carlos and Mercedes, The Classification of Stars, *Richard O. Gray*, 113.
Johnson, Hollis R. and Ben Zuckerman, editors, Evolution of Peculiar Red Giant Stars, *John R. Percy*, 57.
Kelley, Kevin W., editor, The Home Planet, *Barbara Murck*, 286.
Kron, Richard G., editor, Evolution of the Universe of Galaxies (Edwin Hubble Centennial Symposium), *Raymond G. Carlberg*, 143.
Liller, Bill and Ben Mayer, The Cambridge Astronomy Guide: A Practical Introduction to Astronomy, *Roy Bishop*, 141.
Luginbuhl, C.B. and B.A. Skiff, Observing Handbook and Catalogue of Deep-Sky Objects, *Alister Ling*, 61.
Makower, Joel and Marilyn Fenichel, editors, The Air and Space Catalog, *R.C. Tennyson*, 115.
Mennessier, M.O. and A. Omont, editors, From Miras to Planetary Nebulae: Which Path for Stellar Evolution?, *Dimitar Sasselov*, 231.
Pasachoff, J.M. and John R. Percy, editors, The Teaching of Astronomy, Proceedings of I.A.U. Colloquium 105, *Douglas P. Hube*, 118.

Ridpath, Ian, Canadian Nature Guides: Astronomy, *Leo Enright*, 146.
Thompson, Gregg E. and James T. Bryan, Jr., The Supernova Search Charts, *Virginia Trimble*, 116.
Vangioni-Flam, M. Casse, J. Audouze and J.T.T. Van, editors, Astrophysical Ages and Dating Methods, *Sidney van den Bergh*, 145.
Wali, Kameshwar C., CHANDRA: A Biography of S. Chandrasekhar, *Maurice T. Clement*, 227.
Walker, P.M.B., general editor with Prof. J. Allen and D.J. Shapland, Cambridge Air and Space Dictionary, *R.C. Tennyson*, 115.
Webb, Michael, Helen Sawyer Hogg: A Lifetime of Stargazing, *Martha L. Hazen* and *Julia Forman*, 286.
Recherche en astronomie au Canada, le financement de la, *Georges Michaud*, 79.
Regulation of the Ptolemaieia, The: A Hypothesis Explored, *R.A. Hazzard* and *M. Pim Vatter FitzGerald*, 6.
Ronan, Colin (see Review of Publications).
Royal Astronomical Society of Canada, The, Service Awards (*Don William Hladiuk* and *Ian McGregor*) (*Notes*), 108; Abstracts of Papers Presented at the 1991 General Assembly, 173.

S

Sampson, Russ (see Review of Publications).
Sanduleak −69°202, Supernova 1987A and the Beginning of Neutrino Astronomy, *H.R.A. Jones*, 235.
Sasselov, Dimitar (see Review of Publications).
Sekanina, Zdenek, Encke, the Comet, 324.
Service Awards (*Hladiuk and McGregor*) (*Notes*), 108.
Seventy-Five Years Ago, 54, 111, 140, 225, 284, 388.
Solar Calendar, The Tropical Year and, *Kazimierz M. Borkowski*, 121.
Spratt, Christopher E., Possible Hazards of Meteorite Falls, 263.

T

Tatum, Jeremy B., Editorial, 2, 65; The Anti-Tail of Periodic Comet Machholz 1986 VIII (with D.D. Balam and T.B. Lowe), 91; Light Pollution (*Notes*), 109.
Telescopes, Liquid Mirror: History, *Brad A. Gibson*, 158.
Tennyson, R.C. (see Review of Publications).
Trimble, Virginia (see Review of Publications).
Tropical Year and Solar Calendar, The, *Kazimierz M. Borkowski*, 121.

U

UAL – Undefined Acronym List (*Notes*), 282.

V

Vallée, J.P. (see Review of Publications).
van den Bergh, Sidney, Photograph, 177; (see also Review of Publications).
Vatican Observatory: 100th Anniversary: *William Lonc, S.J.* (*Notes*), 378.
Vatter FitzGerald, M. Pim, The Regulation of the Ptolemaieia: A Hypothesis Explored (with R.A. Hazzard), 6.
Venus Table of the Dresden Codex and the Movements of the Planet Venus, The, *Bryan Wells*, 291.
Very Special Old ... (*Notes*), 284.

W

Wells, Bryan, The Venus Table of the Dresden Codex and the Movements of the Planet Venus, 291.